

DuraSurf™ 4001 DuraJet

by CROWN PLASTICS

As an alternative to high priced, non-durable high carbon formulas, **DuraSurf™ 4001 DuraJet** provides a blacker, faster alternative to our standard black base, without surrendering it's durability. The extremely high grade carbon also eliminates "bleeding" into other colors in die cut bases.



PROPERTY	UNITS	TEST METHOD	TYPICAL VALUES
Density	g / cc	ASTM D-1505	> 0.93
Average Molecular Mass	g / mol	ISO	8.1 million
	g / mol	ASTM D-4020	5.4 million
Melt Index	g / 10 min.	ASTM D-1238	0
Tensile Modulus	MPa	ISO 527	680
	PSI	ASTM D-638	98600
Coefficient of Thermal Exp.	Unit length / °F	ASTM D-696	1.1 x 10 ⁻⁴
Shrinkage	%, linear / trans.	Internal	8.05 / -.2
Wax Absorption	mg. / cu.c	Internal	TBD
Abrasion Resistance	Index	Sand Slurry	0.57
Izod Impact Resistance	J / m	ASTM D-256	No failure
Thermal Response	Linear / trans.	Internal	TBD
% Crystallinity	%	DSC anal.	44



ADVANCED THERMOPLASTIC SOLUTIONS

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